

PRODUCT DESCRIPTION

Permafrost T is a fully formulated desiccant for natural gas comprised of triethylene glycol blended with superior corrosion inhibitors for use in dehydration systems. Permafrost T delivers exceptional dew point depression combined with superior hydrocarbon separation while protecting your system from organic acids created in the regen phase of dehydration systems.

Our unique blend of corrosion inhibitors were specifically engineered to provide greater stability and prolonged service life. Our superior corrosion inhibitors deliver greater reserve alkalinity marginalizing the effects of organic acids caused by oxidation.

FLEXIBILITY

Permafrost T can be added to existing analogues of inhibited triethylene glycol without effecting either fluid. In fact, addition of Permafrost T can actually improve the performance of your existing fluid. Please note, we highly recommend having your fluid analyzed prior to commingling any material to ensure that your existing system is suitable for continued use.

Permafrost T can also be utilized in air dehydration systems where humidity control is desired for protection against extreme rusting.

PACKAGING

205L Drum, 1,000 L Tote/IBC (Intermediate Bulk Container), Truck.

TECHNICAL DATA

		Typical Physical Properties:	
Composition V%		BP @ 760 mm Hg	~ 210 °C
Triethylene Glycol	>95	Flash Point	>148.89 °C
Inhibitors	>4	VP (mm Hg @ 204.4 °C)	70 – 75
Colour	Water-white	Thermal Conductivity @ 204.4 °C	0.1 – 0.15
Specific Gravity	1.124 – 1.134	Specific Heat @ 204.4 °C	0.7 – 0.75
pH, 50% solution	10.2 – 11.5	Viscosity, cP @ 20 °C	49.0
Reserve Alkalinity, new	>5.0	Ht of Vaporization (btu/lb@1atm)	166@

Arch Distribution Inc. fully warrants that Permafrost™ T is suitable for the above applications and temperature guidelines where there is a requirement for inhibited triethylene glycol for use in dehydration units. Each Permafrost product is tested prior to packaging and shipping to ensure conformity; however, suitability for the intended purpose of this product remains the responsibility of the user. Product life is also subject to appropriate operating parameters and implementation of a suitable fluid testing program for peak performance. For more information, please contact your Permafrost™ representative or Arch Distribution Inc. Permafrost™ heat transfer fluids are produced in our blending facility with Lab Grade 2 quality water to ensure product performance and specifications. If undiluted products are purchased, water quality must be equivalent or greater than distilled or deionized in order to maintain performance guarantees. If you are unsure of your water quality, please contact Arch Distribution for testing and recommendations. If water of unsuitable quality is used for dilution, Arch Distribution cannot be held liable for potential damage.



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